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Application No.: 10/583,467

Docket No.: JCLA21175

AMENDMENT**In The Claims:**

Please amend the claims as follows:

Claim 1. (previously presented) A weight-training machine having an independent power generating function, which includes a plurality of stacks moving up and down by means of a pair of guides mounted vertically, a button unit disposed at a front center of the stacks and having the number of solenoid buttons corresponding to the number of the stacks and buttons inserted into insert holes of the stacks, and a wire guided by pulleys mounted to a frame,

wherein a solenoid unit having the solenoid buttons is separated from the button unit so that the solenoid buttons are installed to a position adjacent to heads of the buttons, wherein the buttons are moved forward and backward electrically or manually, wherein a pair of generators having a rod shape are installed at both rear sides of the stacks so as to be parallel to each other vertically with a predetermined distance, and wherein a power supply is installed below the generators so that the power supply is electrically connected to the generators and the solenoid unit.

Claim 2. (previously presented) The weight-training machine according to claim 1, wherein the generator includes a pipe having a coil wound in contact with an inner side thereof, and a magnetic rod combined to be movable in a length direction along inside of the coil and composed of a plurality of permanent magnets so that positive and negative poles are alternately

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laminated, whereby the generator generates power by means of movement of the permanent magnets when reciprocating in the coil in a length direction along a selected stack.

Claim 3. (previously presented) The weight-training machine according to claim 1, wherein the power supply includes a converting switch provided with electric power selectively from the generators and an external power source, an inverter for converting AC supplied from the converting switch into DC, and a charger for charging the supplied DC.

Claim 4. (previously presented) The weight-training machine according to claim 1, wherein a generator is further installed to one of the pulleys.

Claim 5. (previously presented) The weight-training machine according to claim 1, wherein a sensor for sensing operation of the solenoid button is mounted to the solenoid unit, wherein a sensor is installed to a controller to operate a selected solenoid button so that the button is inserted into an insert groove of the stack, wherein the sensor senses manual operation of the solenoid button to make the controller display a current exercising weight, wherein the sensor senses a user to be in an exercising position so that the controller is operated when the user is in the exercising position and the power is automatically isolated when the user takes off from the exercising position.

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Claim 6. (currently amended) A weight-training machine having an independent power generating function, in which a plurality of stacks are mounted to a main body to be supported by guides and movable up and down by means of a wire, and the wire is guided by pulleys mounted to the main body so that an action point is adjusted by a weight adjustment device to control a load,

~~wherein the stacks are uniformly divided vertically,~~ wherein an insert groove is formed at a lower center of a front surface of each ~~part of the divided stack~~ stacks, wherein a fixing plate capable of moving forward and backward is inserted into the insert groove by a solenoid button and a button working together with the solenoid button to select a weight, wherein a generator is installed to a frame at a position below the weight adjustment device so as to generate power by the wire passing via a moving device of the weight adjustment device.

Claim 7. (previously presented) A stack for a weight-training machine having a weight adjustment device in which a number of buttons corresponding to a number of stacks are installed at a front center of the stacks, and in which a fixing plate is moved forward or backward by automatic or manual operation of the buttons so that the fixing plate is inserted into or taken out of an insert groove,

wherein an insert recess is formed at a front center of the stack so that the weight adjustment device is inserted therein, wherein the fixing plate has a rectangular plate shape, wherein the insert groove is formed at a lower center of a side that forms a front surface of the insert recess so that the fixing plate is inserted therein.

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Claim 8. (previously presented) The weight-training machine according to claim 3, wherein a sensor for sensing operation of the solenoid button is mounted to the solenoid unit, wherein a sensor is installed to a controller to operate a selected solenoid button so that the button is inserted into an insert groove of the stack, wherein the sensor senses manual operation of the solenoid button to make the controller display a current exercising weight, wherein the sensor senses a user to be in an exercising position so that the controller is operated when the user is in the exercising position and the power is automatically isolated when the user takes off from the exercising position.